

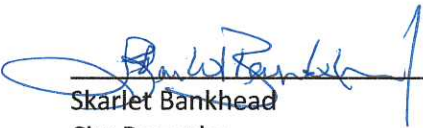
PROVIDENCE CITY
ADMINISTRATIVE LAND USE AUTHORITY
AGENDA – TUESDAY, JULY 28, 2015
Providence City Office Building
15 South Main, Providence UT 84332

The Providence City Administrative Land Use Authority will hold a public meeting at the Providence City Office Building, 15 South Main, Providence UT at 9:00 a.m. to discuss the following items. Anyone interested is invited to attend.

ACTION ITEMS:

Item No. 1. The Providence City Administrative Land Use Authority will consider a request from Nefi Garcia, agent for Verizon Wireless, to a conditional use to occupy space on and near a cell tower located at 575 West 100 North.

Agenda posted, sent to the Herald Journal, and submitted to the Utah Public Notice Website by Skarlet Bankhead on July 22, 2015.



Skarlet Bankhead
City Recorder

If you have a disability and/or need special assistance while attending the Providence City Administrative Land Use Authority meeting, please call 435-752-9441 before 5:00 p.m. on the day before the meeting.

PROVIDENCE CITY Conditional Use Checklist

Please provide the following information as part of your application. The information listed below is required to properly review and process your request. An incomplete application or lack of the required information will delay acceptance and/or processing of your application. Incomplete applications may be returned until the required information is submitted. There is a non-refundable application fee of **\$100** for conditional use requests.

Applicant, please note! Your application may be reviewed at the counter on a preliminary basis; however, it must still be reviewed by staff before it is accepted for processing. You will be contacted by staff if the application is not complete.

Applicant Check	CONDITIONAL USE CHECKLIST	Staff Check
✓	Application	✓
✓	\$100 filing fee*	✓
✓	Suitable plans and information concerning the location, function and characteristics of the use, including but not limited to parking and percentage of space being used. (The more detailed the better)	✓
✓	County plat map (County Recorder's Office: 179 N. Main, Logan)	✓
✓	A list of the names and addresses of the owners of record of real property that shares a common boundary with the applicant's property or is separated by a public right-of-way or canal, stream, etc.	✓

***Please note: this filing fee does not include professional firm fees.**

Please ask for a Providence City fee schedule.

Process for Conditional Use Approval:

(See Providence City Code 10-3-6)

(See Utah Code 10-9a-507)

DRC (may be reviewed here more than once)
City Land Use Authority (may be reviewed here more than once)
May need a Public Hearing

Types of Conditional Uses (not all zones allow all CUs, so always check the Use Chart for allowed zones—ref 10-6-1: Use Regulations):

Providence City * 15 South Main * Providence UT 84332
Phone: 435-752-9441 * Fax: 435-753-1586 * Email: sbankhead@providence.utah.gov

PROVIDENCE CITY LAND USE APPLICATION

15 South Main * Providence UT 84332

435-752-9441 * Fax: 435-753-1586 * email: sbankhead@providence.utah.gov

Please note that each request has a checklist which specifies what information is required in order for your application to be complete and ready for processing. Please check the appropriate box for your type of application. Check only one box. Each application type requires a separate application. If you have questions, please ask.

INCOMPLETE APPLICATIONS WILL NOT BE PROCESSED.

Development Review Committee, and/or Planning Commission, and/or City Council		
Annexation	Exception to Title	Rezone
Code Amendment	Final Plat	Right-of-way Vacation
Concept Plan	General Plan Amendment	Site Plan
<input checked="" type="checkbox"/> Conditional Use	Preliminary Plat	
Appeal Authority		
Appeal	Variance	

PLEASE NOTE: FILING FEES DO NOT INCLUDE PROFESSIONAL FIRM FEES.

THESE WILL BE BILLED SEPARATELY.

Applicant's Name:	Technology Associates, agent for Verizon Wireless		
Address:	5710 S. Green St. Murray, UT 84123		
Phone(s):	702-429-0410	Fax:	
		E-Mail:	ncf.garcia@taec.net

Party Responsible for Payment:	Same as above		
Billing Address:			
Phone(s):		Fax:	
		E-Mail:	

Property Owner's Name (how it appears on a legal document):	Sagers Family Limited Partnership		
Address:	3002 Caranza Dr.		
Phone(s):	801-550-5128	Fax:	
		E-Mail:	wdsouthwick@gmail.com

Architect/Engineer/Surveyor's Name:	Same as applicant		
Address:			
Phone(s):		Fax:	
		E-Mail:	

Cache County Property Number(s):	02-212-0006		
Total Acreage:	1.44	Project Name:	UTI PROVIDENCE
City Address of Project (if applicable):	575 W. 100 N. PROVIDENCE, UT 84332		

I declare under penalty of perjury that I am the owner or authorized agent for the property which is the subject of application, and that the statements, answers, and documents submitted in connection with this application are true and correct to the best of my knowledge.

Signature of Applicant: Nef. Garcia Date: 15 July 2015

Do not complete below this line, for office use only.

Application Fee:	Receipt Number:
General Plan:	Received By:
Zone:	Date Stamp:

SPRING CREEK VILLAGE SUBDIVISION

(A COMMERCIAL SUBDIVISION)

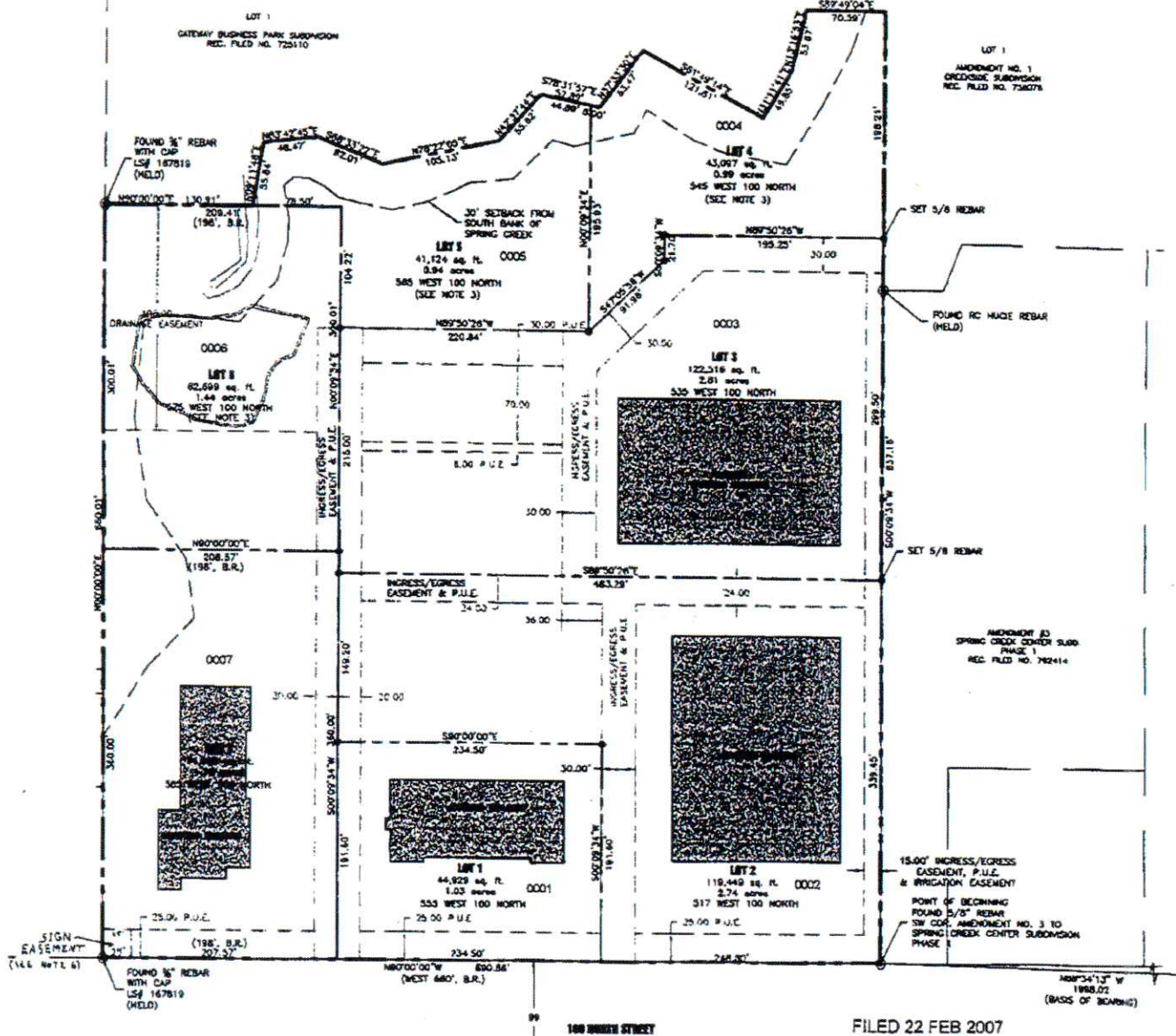
PROVIDENCE CITY, CACHE COUNTY, UTAH

PART OF BLOCK 34, PLAT "A" PROVIDENCE FARM SURVEY
LOCATED IN PART SECTION 10, TOWNSHIP 11 NORTH,
RANGE 1 EAST, SALT LAKE BASELINE AND MERIDIAN

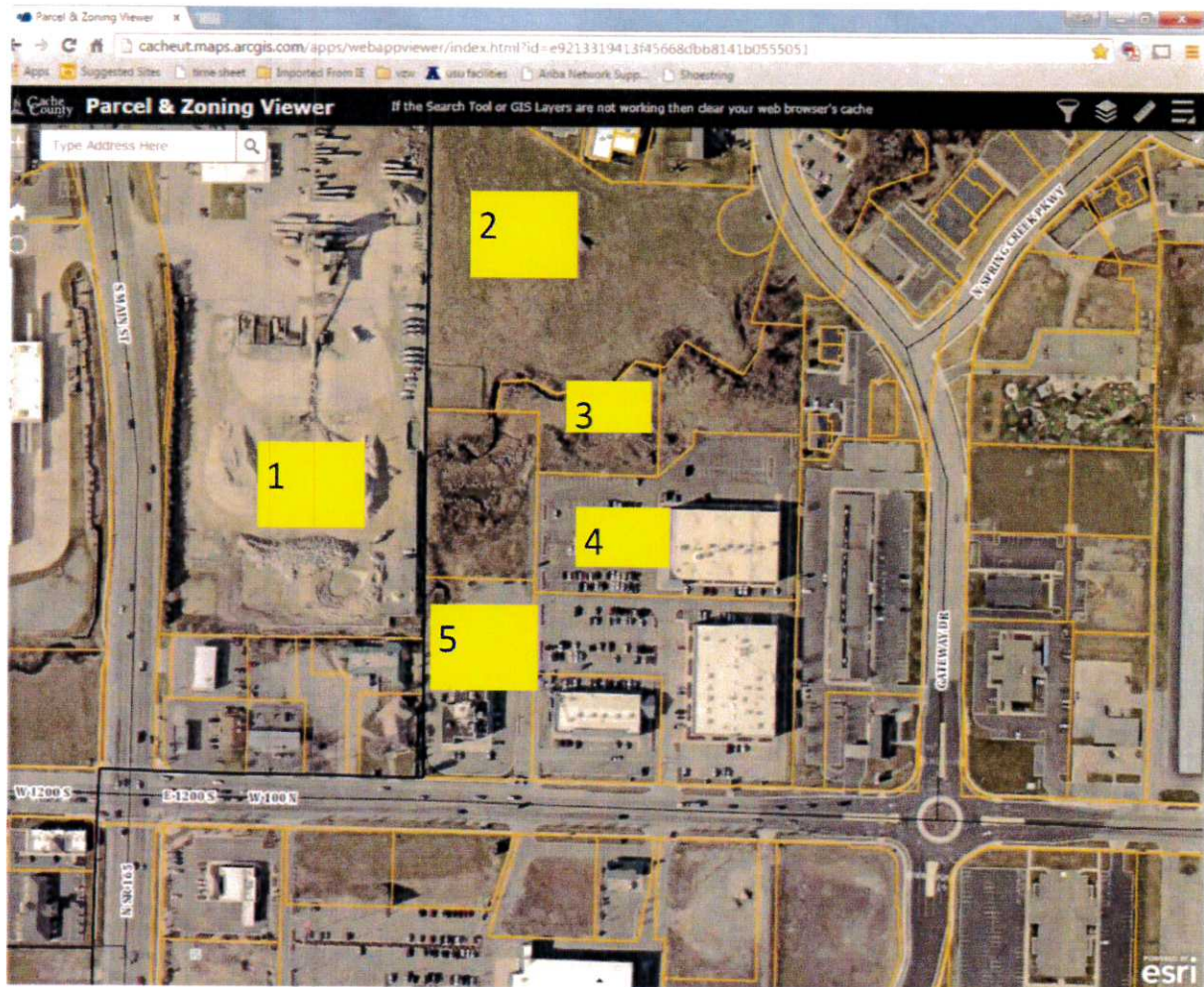
02-212

TAX UNIT 09

Electronic Only



FILED 22 FEB 2007
ENT 937522
MAP 2007-2158
SITE PAGE 02-091



1. Laree K Johnson Trust—PO Box 248, Logan, UT 84323
2. Jonathan H Trust Profit Sharing Daines—4642 S. Hollow Road, Nibley, UT 84321
3. Kristopher G. Daines Trust—4642 S. Hollow Rd., Nibley, UT 84321
4. Larry H Miller Theatres—9295 S. State St., Sandy, UT 84070
5. Sagers Family Limited Partnership—1202 S. Hwy 89 #130, Logan, UT 84321



verizonwireless

UT1 - PROVIDENCE

verizon
wireless

VERIZON WIRELESS
9808 SOUTH PROSPERITY ROAD
WEST JORDAN, UTAH 84088

TAEC
Technology Associates Engineering Corporation Inc.
TECHNOLOGY ASSOCIATES

UTAH MARKET OFFICE
5710 SOUTH GREEN STREET
SALT LAKE CITY, UTAH 84123

CORPORATE OFFICE
3115 SOUTH MELBOURNE DRIVE, SUITE #110
CARLSBAD, CALIFORNIA 92010

DRAWN BY: JAY C
CHECKED BY: NEFTI G

SITE INFORMATION

APPLICANT:
VERIZON WIRELESS
9808 SOUTH PROSPERITY ROAD
WEST JORDAN, UTAH 84088

SITE ADDRESS:
585 WEST 100 NORTH
PROVIDENCE, UTAH 84332

LATITUDE AND LONGITUDE:
N 41°42'41.10", W 111°40'58.80"

ZONING JURISDICTION:
PROVIDENCE CITY

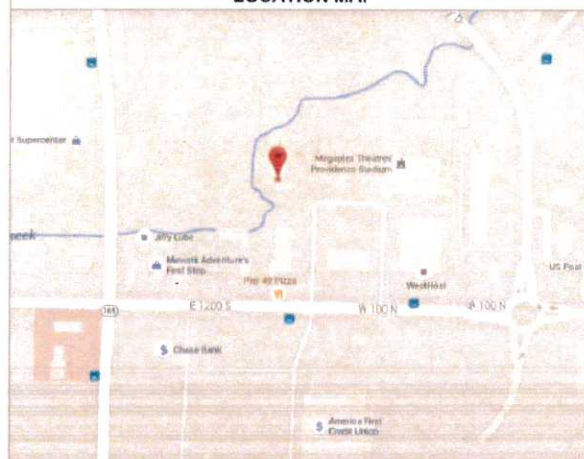
PROJECT DESCRIPTION:
THIS IS AN EXISTING UNMANNED COMMUNICATIONS FACILITY. VZW IS PROPOSING TO ADD THEIR ANTENNAS TO THE EXISTING MONOPOLE WITH EQUIPMENT LOCATED INSIDE A 11'-6" X 25'-5.5" PRE-FABRICATED EQUIPMENT SHELTER

TYPE OF CONSTRUCTION:
PRE-FAB SHELTER AND ANTENNAS

HANDICAP REQUIREMENTS:
FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAP ACCESS REQUIREMENTS DO NOT APPLY

POWER COMPANY:
ROCKY MOUNTAIN POWER, 1-800-221-7070

LOCATION MAP



DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY ALL PLANS, AND EXISTING DIMENSIONS, AND CONDITIONS ON THE JOB SITE, AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME

CONTACT INFORMATION

SITE ACQUISITION:
TECHNOLOGY ASSOCIATES EC, INC
5710 SOUTH GREEN STREET
SALT LAKE CITY, UTAH 84123
CONTACT: NEFTI GARCIA
PHONE: 801-463-1020

CONSTRUCTION MANAGEMENT:
VERIZON WIRELESS
9808 SOUTH PROSPERITY ROAD
WEST JORDAN, UTAH 84088
CONTACT: CRAIG SKINNER
PHONE: 801-573-2878

DRIVING DIRECTIONS

FROM VZW WEST JORDAN OFFICES, TAKE I-15 NORTH FOR 57 MILES TO BIRMGHAM CITY EXIT #362 FOR US-91 TOWARDS LOGAN/MANILA. TURN RIGHT AND HEAD EAST ON US-91 FOR 24.7 MILES TOWARDS LOGAN. ONCE IN LOGAN WHERE US-91 MERGES WITH MAIN STREET, TURN RIGHT AND HEAD SOUTH ON MAIN STREET FOR 0.5 MILES TO 100 NORTH STREET. TURN LEFT AND HEAD EAST ON 100 NORTH FOR 0.15 MILE TO THE FIRST STREET ON YOUR LEFT (UNADDRESS STREET JUST PAST THE BUILDING WITH PIER 40 PIZZA LOCATED WITHIN). THE EXISTING TOWER WILL BE ON THE PROPERTY NORTH OF THE EXISTING BUILDING.

APPROVALS

VERIZON WIRELESS REPRESENTATIVE:
VERIZON WIRELESS RF ENGINEER:
TAEC SITE ACQUISITION:
TAEC CONSTRUCTION MANAGER:
SITE OWNER:

DRAWING INDEX

SHEET NO.	SHEET TITLE	REV	REV DATE
T100	TITLE SHEET, VICINITY MAP, GENERAL SITE INFORMATION	1	07.09.2015
SURV	SITE SURVEY	0	
C100	OVERALL SITE PLAN	1	07.09.2015
C101	ENLARGED SITE PLAN	1	07.09.2015
C200	SITE ELEVATIONS	0	
C300	WINDGUARD BRIDGE, GPS ANTENNA, TELCO BOARD	0	
C301	EQUIPMENT LAYOUT, POWER AND BBU RACKS	0	
C302	GENERAL AND SITE WORK NOTES	0	
S100	SHELTER FOUNDATION, SHELTER TIE-DOWN	0	
S101	STRUCTURAL NOTES	0	
E100	GROUNDING SITE PLAN	0	
E200	GENERAL GROUNDING PLAN	0	
E201	GROUND BAR, TEST WELL, GROUND ROD, EXT. MOUNTED DEVICES	0	
E202	ONE-LINE DIAGRAM, TRENCHING, GROUNDING CLAMP	0	

1 07.09.2015 FIBER ROUTE
0 08.29.2015 CONSTRUCTION DWGS
REV DATE DESCRIPTION

PRELIMINARY

UT1 - PROVIDENCE
NW SEC 10, T11N, R1E
585 WEST 100 NORTH
PROVIDENCE, UTAH 84332
--- SITE CO-LOCATION ---

SHEET TITLE
TITLE SHEET
VICINITY MAP
GENERAL INFORMATION

SHEET NUMBER
T100



UNDERGROUND SERVICE ALERT, CALL 'BLUE STAKES OF UTAH' @ 811 OR 1-800-662-4111 THREE WORKING DAYS BEFORE YOU DIG





Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
2601 Meacham Boulevard
Fort Worth, TX 76193

Aeronautical Study No.
2015-ANM-288-OE

Issued Date: 03/02/2015

Wayne Southwick
Sagers Family Limited Partnership
3002 West Carranza Drive
Taylorsville, UT 84084

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Antenna Tower Sagers Monopole
Location:	Providence, UT
Latitude:	41-42-41.10N NAD 83
Longitude:	111-49-56.60W
Heights:	4502 feet site elevation (SE) 120 feet above ground level (AGL) 4622 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

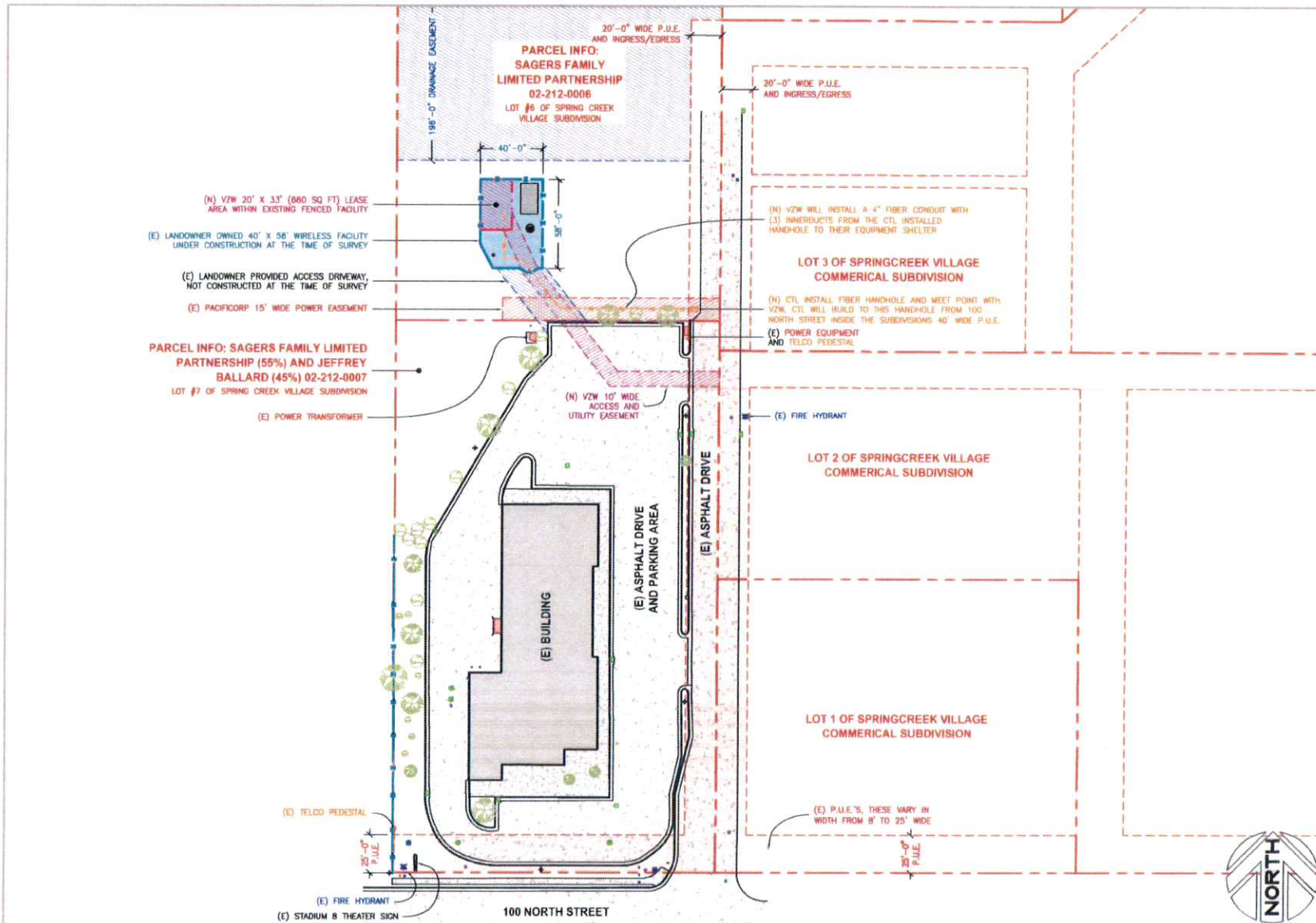
It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

☐ At least 10 days prior to start of construction (7460-2, Part 1)
☒ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

This determination expires on 09/02/2016 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.



OVERALL SITE PLAN

SCALE: 1/4" = 15'-0" 1

verizon
wireless
 VERIZON WIRELESS
 6000 SOUTH PROSPERITY ROAD
 WEST JORDAN, UTAH 84068

TAEFC
 Technology Associates Engineering Corporation Inc.
TECHNOLOGY ASSOCIATES

UTAH MARKET OFFICE
 5710 SOUTH GREEN STREET
 SALT LAKE CITY, UTAH 84128
 CORPORATE OFFICE
 3115 SOUTH MELBOURNE DRIVE, SUITE #110
 CARLSBAD, CALIFORNIA 92010

DRAWN BY: JAY C
 CHECKED BY: MEY G

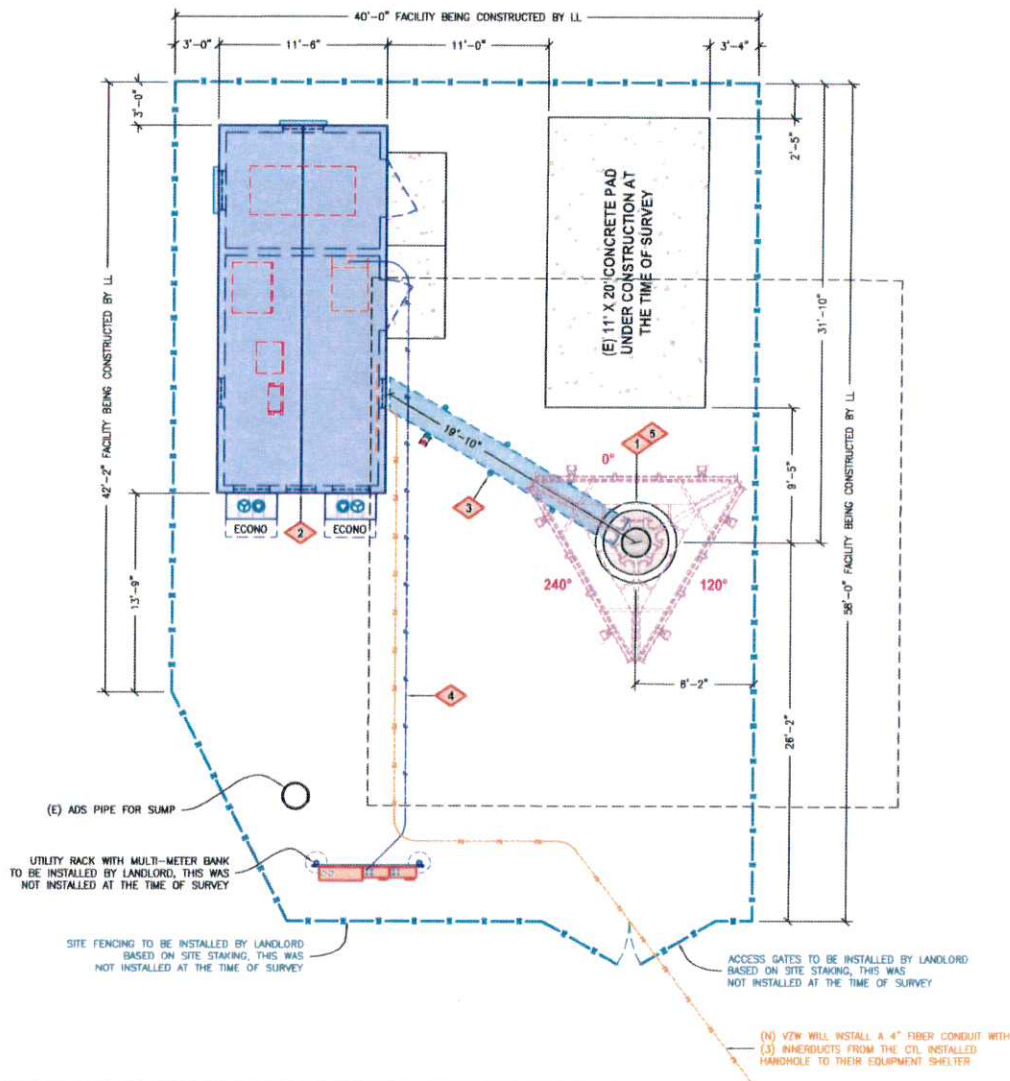
REV	DATE	DESCRIPTION
1	07-08-2015	FIBER ROUTE
0	06-29-2015	CONSTRUCTION DWGS

PRELIMINARY

UT1 - PROVIDENCE
 NW SEC 10, T11N, R1E
 585 WEST 100 NORTH
 PROVIDENCE, UTAH 84332
 --- SITE CO-LOCATION ---

SHEET TITLE
OVERALL SITE PLAN

SHEET NUMBER
C100



KEYED NOTES

- 1 EXISTING 120' TALL MONOPOLE WITH A 36" X 36" UNDERGROUND MAT FOUNDATION WITH 4'-6" OF COVER ABOVE. TOWER HAD NOT BEEN STACKED AT THE TIME OF SURVEY.
- 2 VZW FIBERBOND 11'-8" X 25'-5.5" PRE-FAB EQUIPMENT SHELTER WITH (2) HVAC UNITS AND (2) LOW PROFILE VENTILATION HOODS AS PROVIDED BY THE SHELTER MANUFACTURER, SEE C301/1 FOR EQUIPMENT LAYOUT AND S100/S101 FOR CONCRETE FOUNDATION.
- 3 VZW ICE BRIDGE WITH GPS ANTENNA MOUNTED TO SUPPORT LEG, SEE C300/1, C300/3, AND E200.
- 4 VZW TO INSTALL A NEW METER IN THE EXISTING METER BANKS, THEN INSTALL A 3" POWER CONDUIT FROM THEIR METER TO THEIR ILC CABINET, SEE E202/1.
- 5 VZW 6' TALL ANTENNAS, (2) PER SECTOR (6 TOTAL) TO BE INSTALLED UPON THE ANTENNA MOUNTS AT A 90° CENTERLINE AND ALIGNED TO 0°-120°-240° (REFER TO VZW RF CONFIGURATION SHEETS FOR DOWNLETS AND ADDITIONAL INFORMATION). THE CONTRACTOR WILL NEED TO INSTALL A VALUWORK #WASP-400 ANTENNA PLATFORM WITH #800083 HANGAR KIT (PLATFORM IS SUPPLIED WITH (12) 2-3/8" BY 8'-0" TALL MOUNTING PIPES). THE CONTRACTOR WILL ALSO BE REQUIRED TO INSTALL (6) RRR'S AND RET CABLES, (2) RAYCAP DB-B1 OVP BOXES UPON THE ANTENNA MOUNTS, AND (2) RUNS OF 6412 HYBRIFLEX CABLE FROM THE OVP BOXES WITHIN THE SHELTER TO THE OVP BOXES AT THE ANTENNAS, THEN (1) 1x1 HYBRIFLEX CABLE FROM THE ANTENNA LEVEL, OVP BOXES TO EACH RRR. THE CONTRACTOR WILL BE REQUIRED TO INSTALL RET CABLES FROM THE LIE RRR TO THE LIE ANTENNA AT EACH SECTOR AND THEN DASHY CHAIN TO THE OTHER RET CAPABLE ANTENNAS ON THAT SECTOR AS REQ'D.

verizon
wireless

VERIZON WIRELESS
9800 SOUTH PROSPERITY ROAD
WEST JORDAN, UTAH 84088

TAEC
Technology Associates Engineering Corporation Inc.
TECHNOLOGY ASSOCIATES

UTAH MARKET OFFICE
3710 SOUTH GREEN STREET
SALT LAKE CITY, UTAH 84133
CORPORATE OFFICE
3115 SOUTH MELBOURNE DRIVE, SUITE #110
CHULISING, CALIFORNIA 92010

DRAWN BY: JAY C
CHECKED BY: ME71 G

1 07.09.2015 FIBER ROUTE
0 08.29.2015 CONSTRUCTION DWGS
REV DATE DESCRIPTION

PRELIMINARY

UT1 - PROVIDENCE
NW SEC 10, T11N, R1E
585 WEST 100 NORTH
PROVIDENCE, UTAH 84332
--- SITE CO-LOCATION ---

SHEET TITLE
ENLARGED SITE PLAN

SHEET NUMBER
C101



ENLARGED SITE PLAN

SCALE: 1/8" = 1'-0"

1

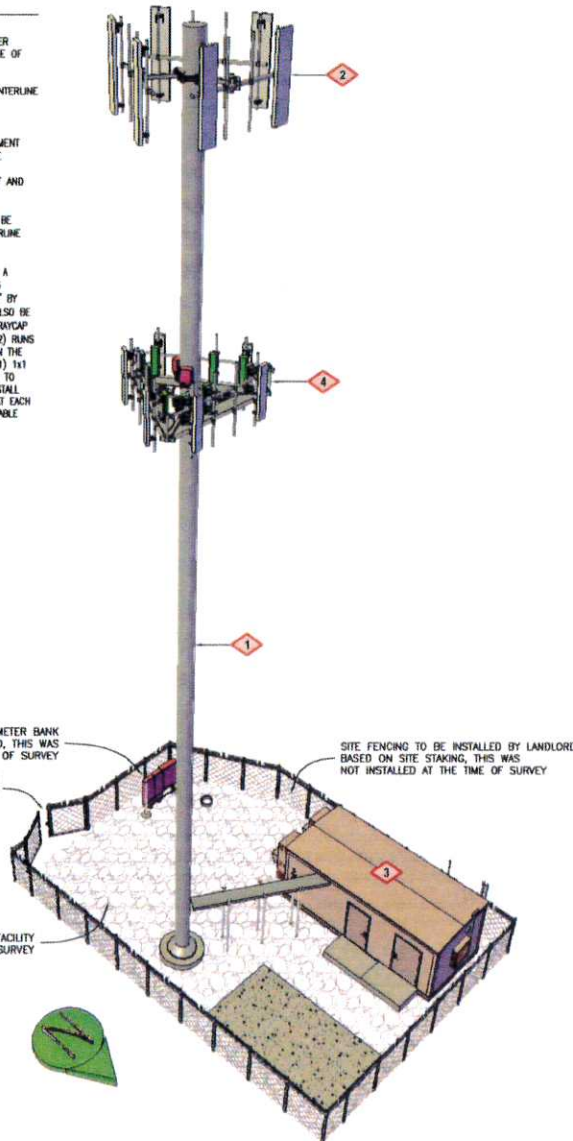
KEYED NOTES

- 1 EXISTING 120' TALL MONOPOLE WITH A 36" X 36" UNDERGROUND MAT FOUNDATION WITH 4'-6" OF COVER ABOVE. TOWER HAD NOT BEEN STACKED AT THE TIME OF SURVEY.
- 2 FUTURE TWOBLE ANTENNAS (QUANTITY, SIZE, AND CENTERLINE UNKNOWN).
- 3 VZW FIBERBOND 11'-6" X 25'-5.5" PRE-FAB EQUIPMENT SHELTER WITH (2) HVAC UNITS AND (2) LOW PROFILE VENTILATION HOODS AS PROVIDED BY THE SHELTER MANUFACTURER. SEE C301/1 FOR EQUIPMENT LAYOUT AND S100/S101 FOR CONCRETE FOUNDATION.
- 4 VZW 6' TALL ANTENNAS, (2) PER SECTOR (6 TOTAL) TO BE INSTALLED UPON THE ANTENNA MOUNTS AT A 96" CENTERLINE AND ALIGNED TO 0°-120°-240° (REFER TO VZW RF CONFIGURATION SHEETS FOR DOWNLITS AND ADDITIONAL INFORMATION). THE CONTRACTOR WILL NEED TO INSTALL A VALMONT JCMSP-486 ANTENNA PLATFORM WITH #800003 HANGAR KIT (PLATFORM IS SUPPLIED WITH (12) 2-3/8" BY 0'-0" TALL MOUNTING PIPES). THE CONTRACTOR WILL ALSO BE REQUIRED TO INSTALL (9) RHH'S AND RET CABLES, (2) RAYCAP DO-BI OVP BOXES UPON THE ANTENNA MOUNTS, AND (2) RUNS OF 6412 HYBRIFLEX CABLE FROM THE OVP BOXES WITHIN THE SHELTER TO THE OVP BOXES AT THE ANTENNAS, THEN (1) 1x1 HYBRIFLEX CABLE FROM THE ANTENNA LEVEL OVP BOXES TO EACH RHH. THE CONTRACTOR WILL BE REQUIRED TO INSTALL RET CABLES FROM THE LTE RHH TO THE LTE ANTENNA AT EACH SECTOR AND THEN DAST CHAIN TO THE OTHER RET CAPABLE ANTENNAS ON THAT SECTOR AS REQ'D.

UTILITY RACK WITH MULTI-METER BANK TO BE INSTALLED BY LANDLORD, THIS WAS NOT INSTALLED AT THE TIME OF SURVEY

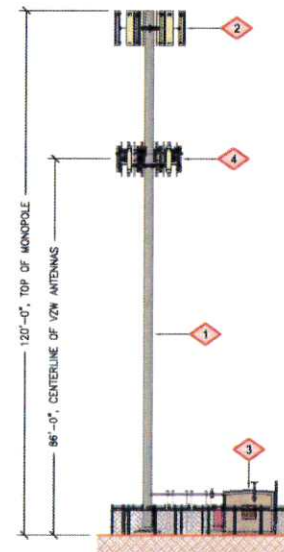
ACCESS GATES TO BE INSTALLED BY LANDLORD BASED ON SITE STAKING, THIS WAS NOT INSTALLED AT THE TIME OF SURVEY

(E) LANDOWNER OWNED 40' X 58' WIRELESS FACILITY UNDER CONSTRUCTION AT THE TIME OF SURVEY

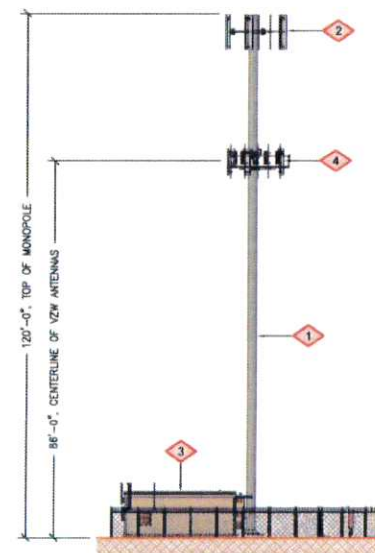


SITE ELEVATION
SOUTHWEST VIEW

SITE ELEVATION
LOOKING SOUTH



SITE ELEVATION
LOOKING EAST



verizon
wireless

VERIZON WIRELESS
9908 SOUTH PROSPERITY ROAD
WEST JORDAN, UTAH 84068

TAEC
Technology Associates Engineering Corporation Inc.
TECHNOLOGY ASSOCIATES

UTAH MARKET OFFICE
5710 SOUTH GREENH STREET
SALT LAKE CITY, UTAH 84123

CORPORATE OFFICE
3118 SOUTH MELROSE DRIVE, SUITE #110
CARLSBAD, CALIFORNIA 92010

DRAWN BY: JAY C
CHECKED BY: NEFT G

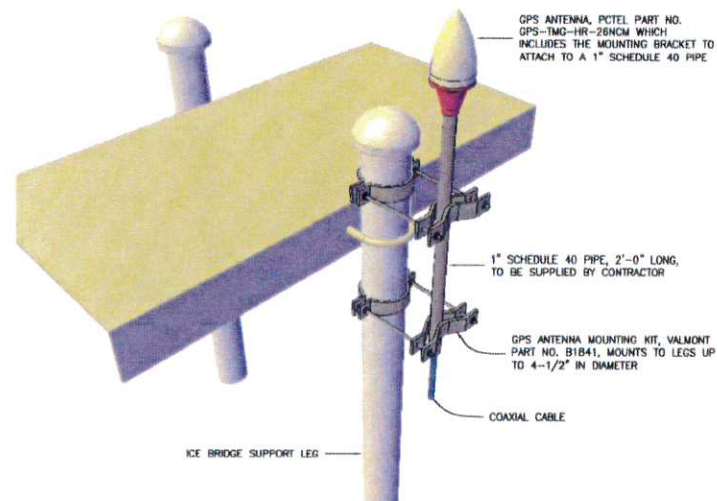
0 06.29.2015 CONSTRUCTION DWGS
REV DATE DESCRIPTION

PRELIMINARY

UT1 - PROVIDENCE
NW SEC 10, T11N, R1E
585 WEST 100 NORTH
PROVIDENCE, UTAH 84332
-- SITE CO-LOCATION --

SHEET TITLE
SITE ELEVATIONS

SHEET NUMBER
C200

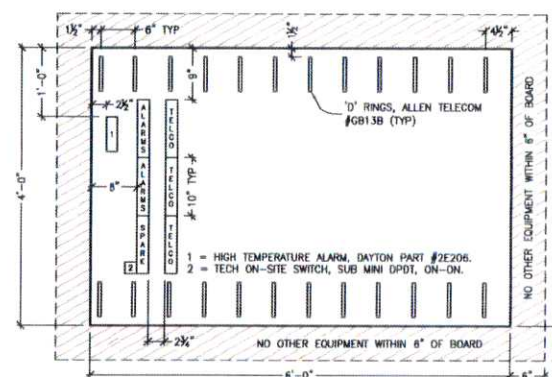


GPS ANTENNA MOUNTING

SCALE: NOT TO SCALE 1

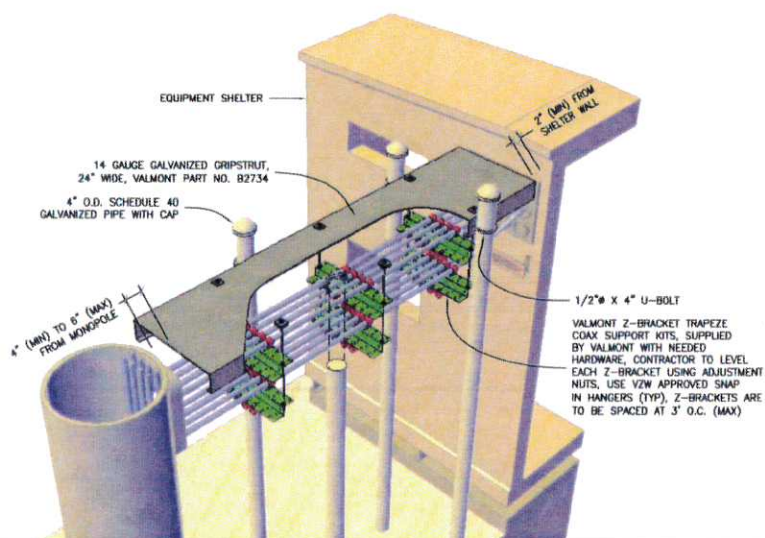
CONTRACTOR TO PROVIDE AND INSTALL:

- (1) 4' X 6' X 3/4" A.C. PLYWOOD TELCO BOARD 3' A.F.F.
- (2) TELCO BOARD TO BE PAINTED WITH SHERWIN WILLIAMS SEMI-GLOSS BLACK, PART #32-2 WITH FIRE RETARDING ADDITIVE PART #5469795012.
- (3) D-RINGS AS SHOWN.
- (4) SIX 66 BLOCKS, SIEMENS PART #566M1-50, (6) 66 BLOCK BASE, SIEMENS PART #5898, AND BRIDGE CLIPS ARE REQUIRED ON 66 BLOCKS.
- (5) ORANGE COVERS REQUIRED FOR BLOCKS DESIGNATED AS "TELCO".
- (6) RED COVER REQUIRED FOR BLOCKS DESIGNATED AS "ALARMS".
- (7) TECH ON-SITE SWITCH BALLARD PART #M2022-SS1W01.
- (8) ONE 66 BLOCK WITH BASE AND ORANGE COVER REQUIRED FOR EXTERIOR TELCO DEMARK.

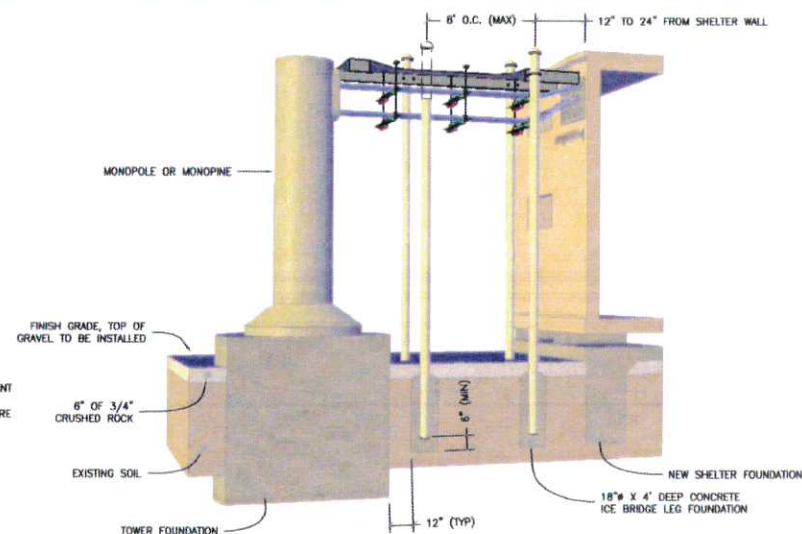


TELCO BOARD

SCALE: NOT TO SCALE 2



WAVEGUIDE BRIDGE



SCALE: NOT TO SCALE 3

verizon
wireless

VERIZON WIRELESS
9909 SOUTH PROSPERITY ROAD
WEST JORDAN, UTAH 84088

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UTAH MARKET OFFICE
8710 SOUTH GREEN STREET
SALT LAKE CITY, UTAH 84123

CORPORATE OFFICE
3115 SOUTH MELROSE DRIVE, SUITE #110
CARLSBAD, CALIFORNIA 92008

DRAWN BY: JAY C

CHECKED BY: NEFT G

REV	DATE	DESCRIPTION
0	08.29.2015	CONSTRUCTION DWG

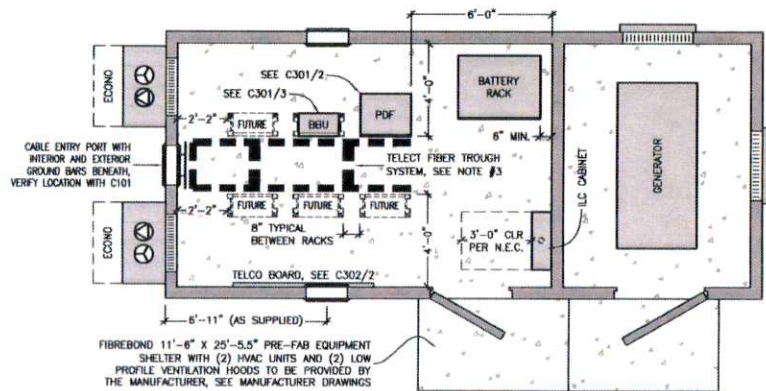
PRELIMINARY

UT1 - PROVIDENCE
NW SEC 10, T11N, R1E
585 WEST 100 NORTH
PROVIDENCE, UTAH 84332
-- SITE CO-LOCATION --

SHEET TITLE
WAVEGUIDE BRIDGE,
GPS ANTENNA,
TELCO BOARD

SHEET NUMBER

C300



THE VZW CONTRACTOR WILL BE REQUIRED TO:

- WIRE THE SHELTER FOR TYPICAL VZW ALARMS, AND PROVIDE AND INSTALL (2) 66 BLOCKS FOR ALARMS.
- INSTALL THE APPROPRIATE SIGNAGE ON THE SHELTER DOORS STATING THAT THE ROOMS CONTAIN "ENERGIZED BATTERY SYSTEMS", "ENERGIZED ELECTRICAL CIRCUITS", AND "BATTERY ELECTROLYTE SOLUTIONS" (REFER TO VZW 01H22002 STANDARDS FOR SIGN REQUIREMENTS).
- ATTACH A 4" TELECOM FIBER TROUGH SYSTEM TO THE OVERHEAD CABLE LADDER WITH 4" INTERCONNECTS AND EXPRESS OFFRAMP AS REQUIRED AT EACH RACK REQUIRING FIBER AND FROM THE FIBER ENTRANCE TO THE TOP. TELECOM PART NUMBERS ARE AS FOLLOWS: 4" TROUGH = 027-2000-4001, 4" COUPLER = 027-2000-4099, 4" T-TRANSITION = 027-2000-4010, 6" TROUGH = 027-2000-6401, 6" EXPRESS OFF RAMP = 027-2000-6412, 6" COUPLER = 027-2000-6499, 5/8" ALL THREAD KIT = 027-1000-4002, 4"-6" THREADED ROD BRACKET = 027-1000-4051, 4" CENTER TROUGH BRACKET = 027-2000-4060, EACH OF THE FOLLOWING PART NUMBERS WILL BE REQUIRED AT EACH RACK THAT REQUIRES FIBER: 2" EXPRESS OFF RAMP = 027-2000-4262, 2" CABLELINKS = 027-0000-4200, 2" CABLELINKS ADAPTER = 027-1000-4207, AND 2" SLOTTED DUCT KIT = 027-2000-4204.

EQUIPMENT LAYOUT - 11'-6" X 25'-5.5"

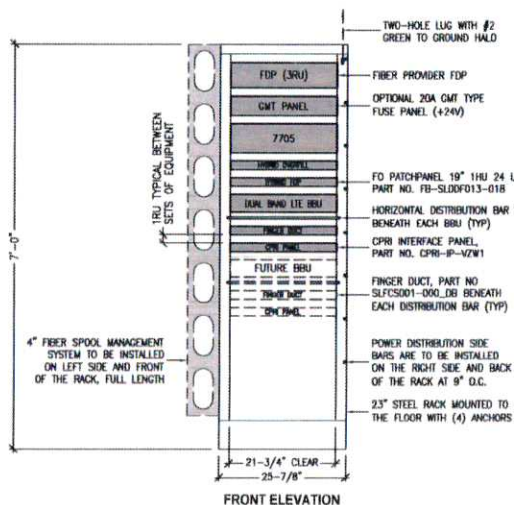
SCALE: NOT TO SCALE 1

POWER FRAME

SCALE: NOT TO SCALE 2

NOTES:

- CONTRACTOR IS TO INSTALL TWO 20 AMP BREAKERS IN THE PUF FRAME FEEDING THE A/B SIDES OF THE DUAL FEED FUSE PANEL. #6 CONDUCTOR, LABELED "BBU RACK FUSE PANEL", +24V.
- THE WRAPS ARE NOT TO BE USED FOR SUPPORT OF ANY CABLEING, VZW REQUIRES WAXED LACING.
- ALL EQUIPMENT RACKS ARE TO MEET VZW INST0406 STANDARDS AND BE INSTALLED PER VZW INST0305 STANDARDS.
- EACH EQUIPMENT RACK IS SUPPLIED WITH (4) SEISMIC ZONE 4 STEEL WEDGE ANCHORS (11/16") AND EACH RACK IS TO BE SECURED TO THE CONCRETE FLOOR USING THESE ANCHORS. EMBEDMENT DEPTH = 2/3 OF THE FLOOR THICKNESS (4" FOR 8" SLAB, 2-5/8" FOR 4" SLAB, 2" FOR 3" SLAB) PER VZW INST0305 STANDARDS.
- ALL CABLEING IS TO BE INSTALLED ON THE INSIDE OF RACK LEG AND ON VZW PROVIDED LADDER. NO CABLEING IS TO BE INSTALLED ON FLOOR OR BE UNSUPPORTED.
- FIBER SHALL NOT BE PLACED IN METALLIC CONDUIT ENTERING THE BUILDING. VZW WILL PROVIDE A PATH FROM THE BUILDING ENTRANCE TO THE RACK. INNER DUCT CAN BE USED FROM THE ENTRANCE TO THE RACK (INNER RACK WILL NEED TO BE LACED IN CABLE LADDER).
- THE CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING FIBER JUMPERS FROM THE FDP TO THE CPRI INTERFACE PANEL, THEN FROM THE CPRI INTERFACE PANEL TO THE BBU FOR THE RACKS. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND INSTALLING FIBER MANAGEMENT AS REQ'D (YELLOW 3/2 AOC FIBER TRACK, U-SHAPED WITH DOWNSPOTS AT RACK LOCATIONS) IN ORDER TO COMPLETE THIS INSTALLATION.



BBU FRAME

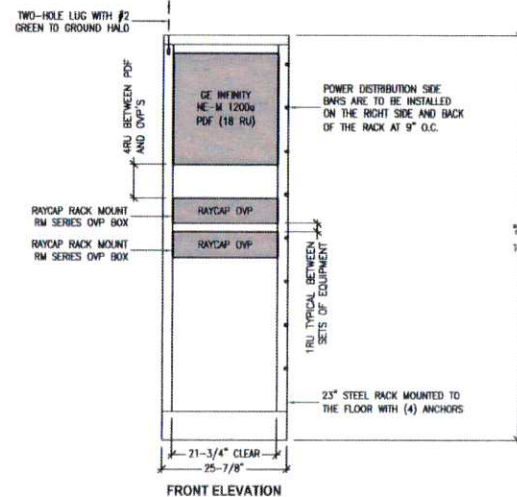
SCALE: NOT TO SCALE 3

NOT USED

SCALE: NOT TO SCALE 4

NOTES:

- THE WRAPS ARE NOT TO BE USED FOR SUPPORT OF ANY CABLEING, VZW REQUIRES WAXED LACING.
- ALL EQUIPMENT RACKS ARE TO MEET VZW INST0406 STANDARDS AND BE INSTALLED PER VZW INST0305 STANDARDS.
- EACH EQUIPMENT RACK IS SUPPLIED WITH (4) SEISMIC ZONE 4 STEEL WEDGE ANCHORS (11/16") AND EACH RACK IS TO BE SECURED TO THE CONCRETE FLOOR USING THESE ANCHORS. EMBEDMENT DEPTH = 2/3 OF THE FLOOR THICKNESS (4" FOR 8" SLAB, 2-5/8" FOR 4" SLAB, 2" FOR 3" SLAB) PER VZW INST0305 STANDARDS.
- ALL CABLEING IS TO BE INSTALLED ON THE INSIDE OF RACK LEG AND ON VZW PROVIDED LADDER. NO CABLEING IS TO BE INSTALLED ON FLOOR OR BE UNSUPPORTED.



NOT USED

verizon
wireless

VERIZON WIRELESS
9008 SOUTH PROSPERITY ROAD
WEST JORDAN, UTAH 84088

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UTAH MARKET OFFICE
3710 SOUTH GREEN STREET
SALT LAKE CITY, UTAH 84123

CORPORATE OFFICE
3115 SOUTH MELBOURNE DRIVE, SUITE #110
CARLSBAD, CALIFORNIA 92010

DRAWN BY: JRY C
CHECKED BY: MEY G

REV	DATE	DESCRIPTION
0	08.29.2015	CONSTRUCTION DWGS

PRELIMINARY

UT1 - PROVIDENCE
NW SEC 10, T11N, R1E
585 WEST 100 NORTH
PROVIDENCE, UTAH 84332
--- SITE CO-LOCATION ---

SHEET TITLE
EQUIPMENT LAYOUT,
POWER AND BBU RACKS

SHEET NUMBER
C301

SCALE: NOT TO SCALE 1

SHEET NUMBER
C302

****NOTE: ALL APPLICABLE LOCAL AND NATIONAL CODES SUPERSEDE ANY NOTES AND SPECIFICATIONS SHOWN IN THIS CONSTRUCTION PACKAGE.****

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VERIZON WIRELESS
9800 SOUTH PROSPERITY ROAD
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3115 SOUTH MELROSE DRIVE, SUITE #110
CARLSBAD, CALIFORNIA 92010

DRAWN BY: JAY C
CHECKED BY: NEPI G

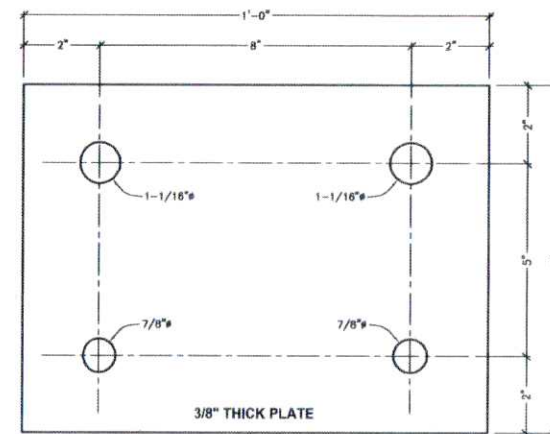
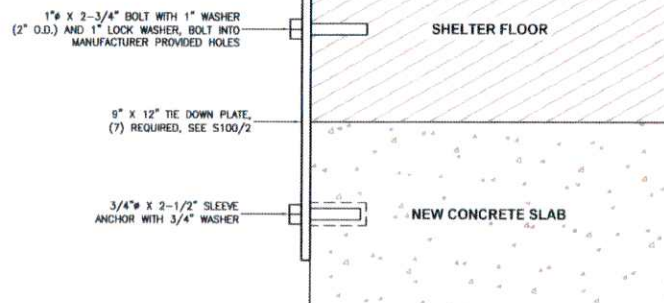
REV	DATE	DESCRIPTION
0	06.29.2015	CONSTRUCTION DWGS

PRELIMINARY

UT1 - PROVIDENCE
NW SEC 10, T11N, R1E
585 WEST 100 NORTH
PROVIDENCE, UTAH 84332
--- SITE CO-LOCATION ---

SHEET TITLE
SHELTER FOUNDATION,
SHELTER TIE-DOWN

SHEET NUMBER
S100



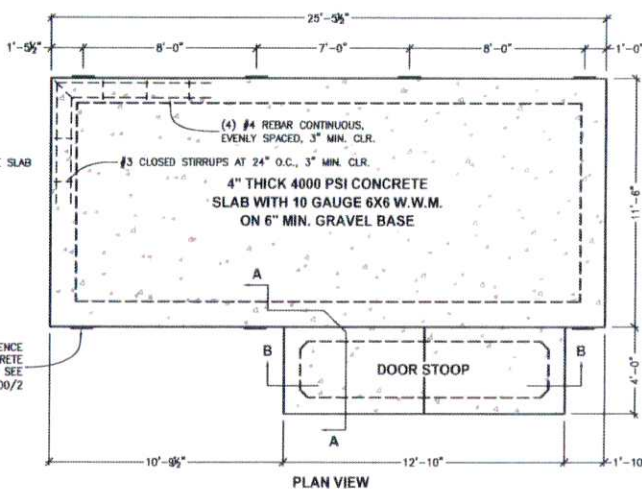
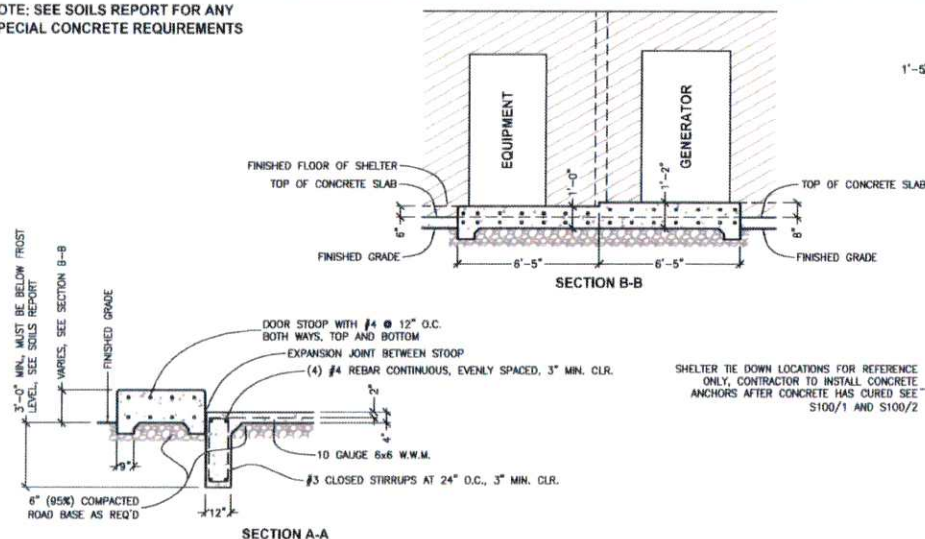
SHELTER TIE DOWN (FIBREBOND)

SCALE: NOT TO SCALE 1

TIE DOWN PLATE (FIBREBOND)

SCALE: NOT TO SCALE 2

NOTE: SEE SOILS REPORT FOR ANY SPECIAL CONCRETE REQUIREMENTS

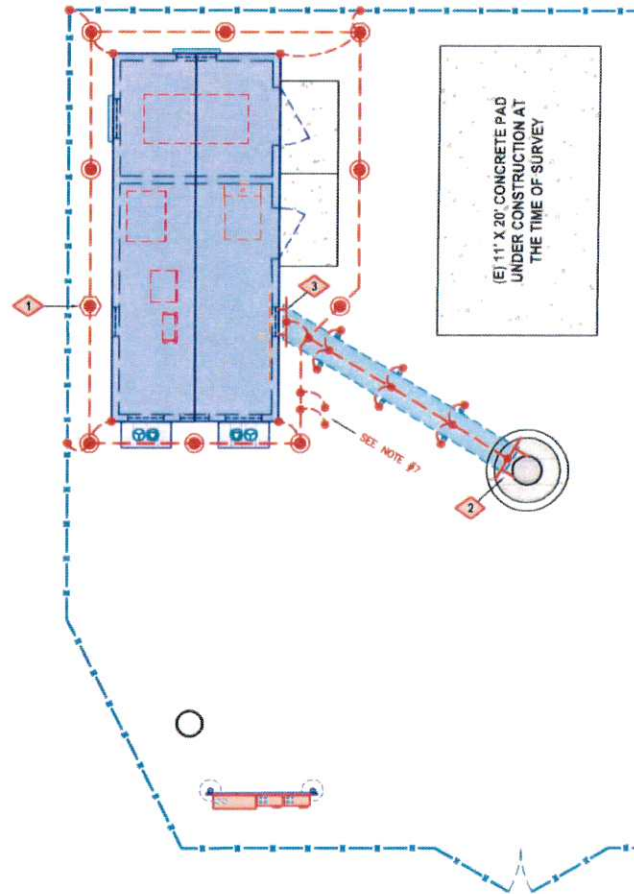


SHELTER FOUNDATION - 11'-6" X 25'-5.5" (FIBREBOND)

SCALE: NOT TO SCALE 3

KEYED NOTES

- EXTERNAL GROUND RING, #2 AWG SETCW, 30" MINIMUM BELOW GRADE OR 6" BELOW FROST LINE.
- 5/8" X 8" COPPER GROUND ROD, SEE E201/3.
- CONNECTION TO GROUND RING.
- 1 VZW TEST WELL, SEE E201/2.
- 2 VZW GROUND BUS BAR ON TOWER.
- 3 VZW BUS BAR MOUNTED TO SHELTER BELOW ICE BRIDGE.



GROUNDING NOTES: SEE E200 FOR MORE INFO.

(1) ALL GROUNDING IS TO BE IN ACCORDANCE WITH TIA/EIA 222 AND VZW NSTD46 STANDARDS (LATEST GROUNDING SPECIFICATIONS).

(2) A THIRD-PARTY CONTRACTOR SHALL PROVIDE THE TESTING OF THE GROUNDING SYSTEM BY CERTIFIED TESTING AGENT. THEY ARE TO PROVIDE INDEPENDENT TEST RESULTS TO THE PROJECT MANAGER FOR REVIEW. THE GROUNDING SYSTEM RESISTANCE TO THE GROUND SHALL NOT EXCEED 3 OHMS. ALL ABOVE GRADE INTERIOR GROUNDING CONNECTORS SHALL BE DOUBLE-LUG COMPRESSION TYPE. ALL BELOW GRADE AND EXPOSED EXTERIOR GROUNDING CONNECTIONS TO PERMANENT EQUIPMENT AND FIXED BUILDING ELEMENTS SHALL BE CADWELD TYPE. CARE SHALL BE TAKEN TO REVIEW CONNECTION LOCATIONS AND MATERIAL TYPES TO AVOID POSSIBLE GALVANIC CORROSION. ALL EXPOSED GROUNDING CONNECTIONS ARE TO BE COATED WITH ANTI-CORROSIVE AGENT SUCH AS "NO-DRY" "NOADOL" "PENETROX" OR "DIEDX" (VERIFY PRODUCT WITH PROJECT MANAGER). ALL OUTDOOR HARDWARE (BOLTS, WASHERS AND NUTS) USED ON GROUNDING CONNECTIONS SHALL BE 16-8 STAINLESS STEEL. ALL INDOOR HARDWARE USED ON GROUNDING CONNECTIONS SHALL BE GRADE 5 STEEL.

(3) ALL BUILDING PENETRATIONS ARE TO HAVE CLEAR CAULKING APPLIED AT PENETRATION BEFORE FASTENER IS TIGHTENED.

(4) ALL GROUND LUGS ARE TO BE A "COMPRESSION" CONNECTION, NO MECHANICAL CONNECTIONS ARE ALLOWED.

(5) RF CABLE IS TO BE GROUNDING WITH ANGLE ADAPTERS AT THE TOP OF THE TOWER, AT THE GROUND BAR AT THE TOWER BASE, AND AT THE BUILDING ENTRANCE.

(6) CONTRACTOR IS TO INSTALL HOIST GRIPS BELOW GROUNDING KIT AT THE TOP OF THE TOWER.

(7) WHEN VZW IS CO-LOCATING WITHIN AN EXISTING FACILITY, THE CONTRACTOR IS TO TIE INTO THE EXISTING GROUNDING SYSTEM WITH A MINIMUM OF TWO CONNECTIONS, CONTRACTOR TO VERIFY LOCATION OF EXISTING SYSTEM.

GROUNDING SITE PLAN

SCALE: 1/8" = 1'-0"

1

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VERIZON WIRELESS
8808 SOUTH PROSPERITY ROAD
WEST JORDAN, UTAH 84068

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CARLSBAD, CALIFORNIA 92010

DRAWN BY: JAY C
CHECKED BY: NEPI G

0 08.29.2015 CONSTRUCTION DWGS
REV DATE DESCRIPTION

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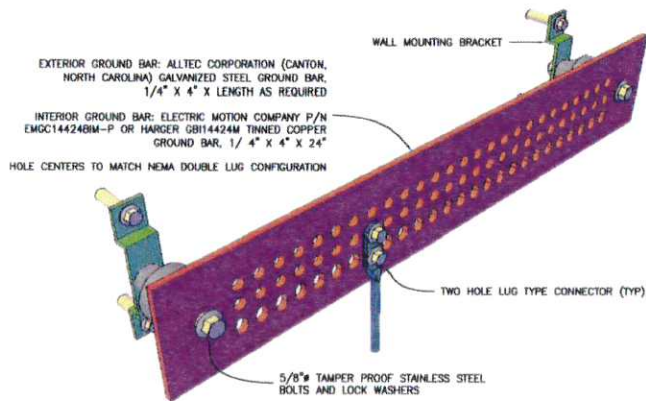
UT1 - PROVIDENCE
NW SEC 10, T11N, R1E
585 WEST 100 NORTH
PROVIDENCE, UTAH 84332
--- SITE CO-LOCATION ---

SHEET TITLE
GROUNDING SITE PLAN

SHEET NUMBER

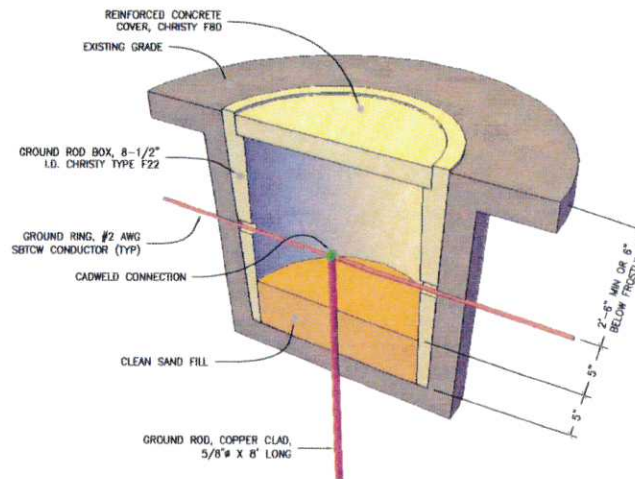
E100





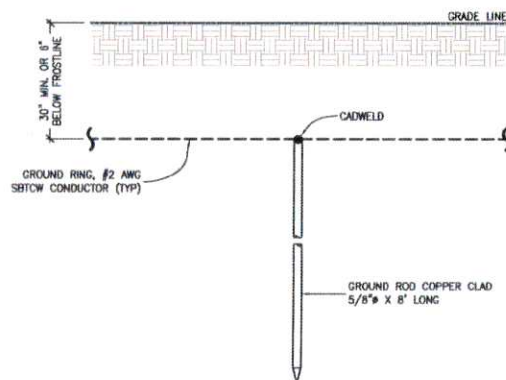
GROUND BAR

SCALE: NOT TO SCALE 1



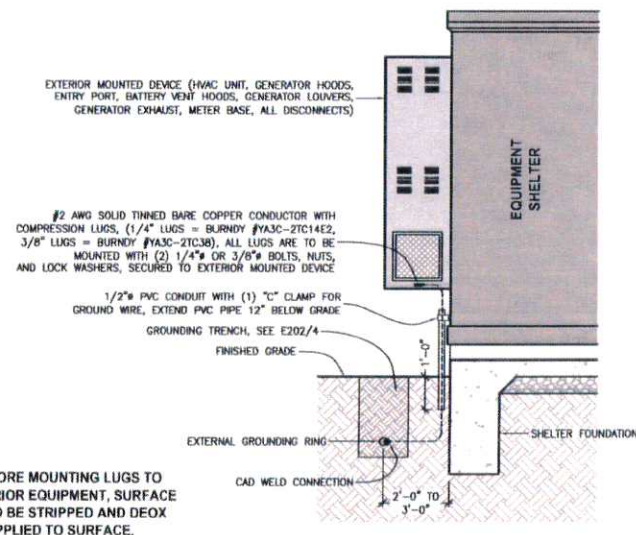
GROUND TEST WELL

SCALE: NOT TO SCALE 2



GROUND ROD

SCALE: NOT TO SCALE 3



NOTE: BEFORE MOUNTING LUGS TO ANY EXTERIOR EQUIPMENT, SURFACE PAINT IS TO BE STRIPPED AND DEOX IS TO BE APPLIED TO SURFACE.

EXTERIOR MOUNTED DEVICES

SCALE: NOT TO SCALE 4

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9600 SOUTH PROPERTY ROAD
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CARLSBAD, CALIFORNIA 92010

DRAWN BY: JAY C
CHECKED BY: NEFI G

REV	DATE	DESCRIPTION
0	06.29.2015	CONSTRUCTION DWGS

PRELIMINARY

UT1 - PROVIDENCE
NW SEC 10, T11N, R1E
585 WEST 100 NORTH
PROVIDENCE, UTAH 84332
--- SITE CO-LOCATION ---

SHEET TITLE
GROUND BAR, GROUND
TEST WELL, GROUND ROD
EXT. MOUNTED DEVICES

SHEET NUMBER

E201

POWER NOTES:

(1) ALL SERVICE EQUIPMENT SHALL MEET EUSERC / POWER COMPANY REQUIREMENTS AND BE REVIEWED AND APPROVED BY POWER COMPANY PRIOR TO BEGINNING WORK.

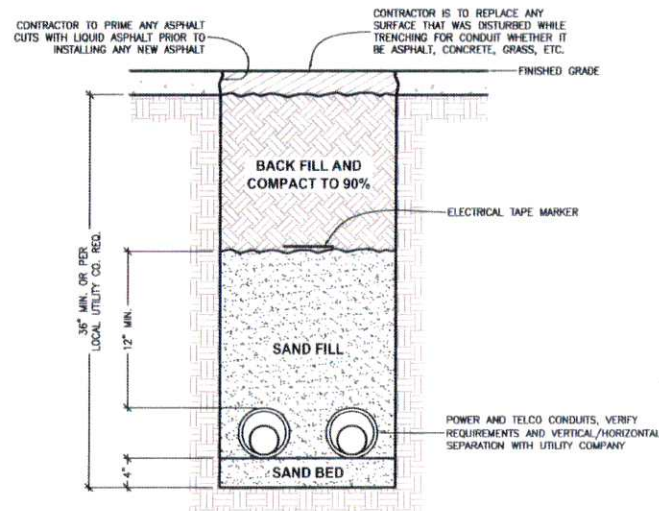
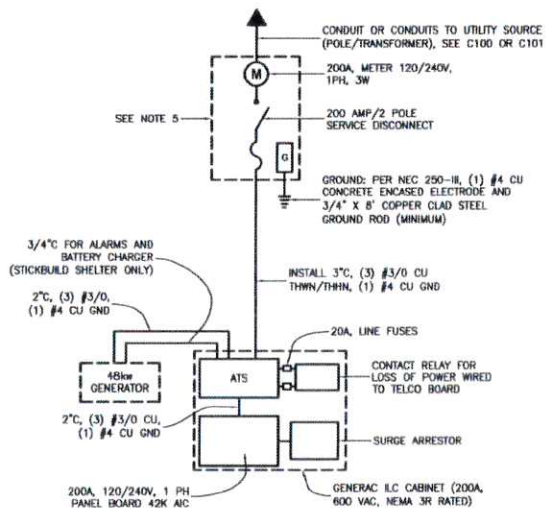
(2) ALL CONDUCTOR MUST BE COPPER UNLESS OTHERWISE SPECIFIED.

(3) CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY FOR FINAL AND EXACT WORK/MATERIALS REQUIREMENTS AND CONSTRUCT TO UTILITY ENGINEERING PLANS AND SPECIFICATIONS ONLY.

(4) CONTRACTOR SHALL FURNISH AND INSTALL CONDUIT, PULL WIRES, CABLE PULL BOXES, CONCRETE ENCASUREMENT OF CONDUIT, TRANSFORMER PAD, BARRIERS, POLE RISER TRENCHING, BACK FILL, PAY ALL UTILITY FEES AND INCLUDE REQUIREMENTS IN SCOPE.

(5) COMMERCIAL ELECTRICAL SERVICE COMBINATION METER AND MAIN DISCONNECT, 200A 120/240V, 1-PHASE, 3-WIRE, RING-TYPE, WITH TEST BY-PASS FACILITIES, 10K AIC, NEMA 3R ENCLOSURE.

(6) THE DESIGN CRITERIA USED FOR THIS PROJECT WAS THE 2014 NEC.

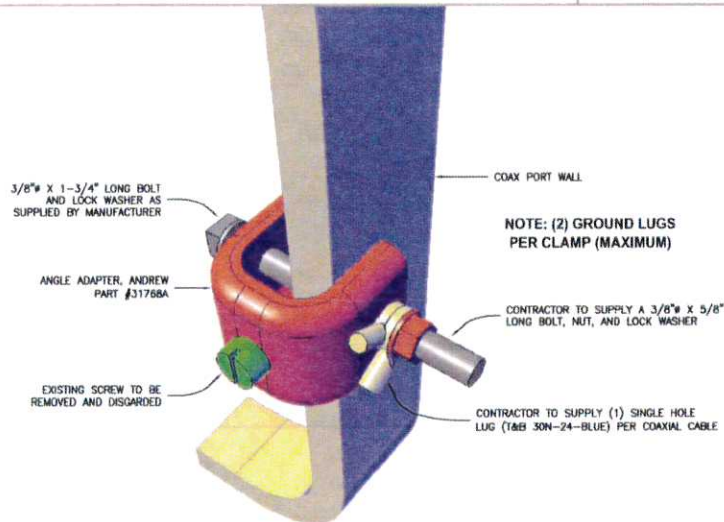


ELECTRICAL ONE-LINE DIAGRAM

SCALE: NOT TO SCALE 1

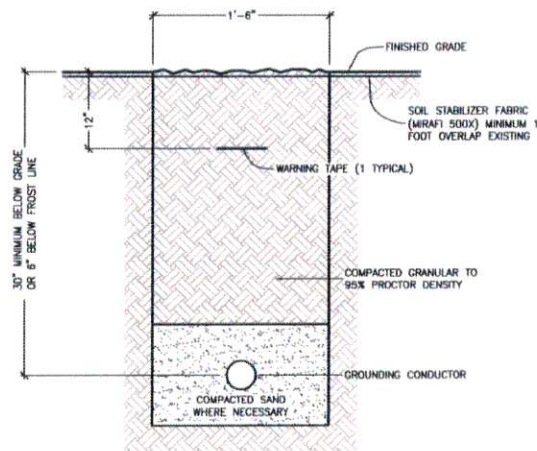
POWER / TELCO CONDUIT TRENCHING

SCALE: NOT TO SCALE 2



GROUND CLAMP

SCALE: NOT TO SCALE 3



GROUNDING TRENCHING

SCALE: NOT TO SCALE 4

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CHULSING, CALIFORNIA 92010

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REV	DATE	DESCRIPTION
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PRELIMINARY

UT1 - PROVIDENCE
NW SEC 10, T11N, R1E
585 WEST 100 NORTH
PROVIDENCE, UTAH 84332
--- SITE CO-LOCATION ---

SHEET TITLE
ONE-LINE DIAGRAM,
TRENCHING,
GROUND CLAMP

SHEET NUMBER

E202